

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033131.D
 Acq On : 02 Jul 2019 10:30
 Operator : JC/SP
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Jul 03 01:29:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:24:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	53880	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	116571	19.04	ug/L	0.00
7) Chloroethane-d5	1.67	69	101930	20.26	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	268399	20.09	ug/L	0.00
20) 2-Butanone-d5	4.18	46	446321	235.46	ug/L	0.00
24) Chloroform-d	4.64	84	271480	21.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	153990	20.95	ug/L	0.00
32) Benzene-d6	5.33	84	503429	21.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	162952	21.11	ug/L	0.00
41) Toluene-d8	7.56	98	487181	21.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	74754	23.17	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	355250	265.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	152559	22.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	208809	20.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	196572	20.472	ug/L 99
3) Chloromethane	1.32	50	189390	20.701	ug/L 100
5) Vinyl chloride	1.40	62	186554	20.324	ug/L 100
6) Bromomethane	1.61	94	108178	21.839	ug/L 95
8) Chloroethane	1.69	64	110374	20.611	ug/L 98
9) Trichlorofluoromethane	1.88	101	273109	21.035	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	139763	20.819	ug/L 99
12) 1,1-Dichloroethene	2.28	96	127741	20.513	ug/L 97
13) Acetone	2.32	43	319314	200.890	ug/L 99
14) Carbon disulfide	2.47	76	417816	20.219	ug/L 100
15) Methyl Acetate	2.61	43	77739	21.041	ug/L 97
16) Methylene chloride	2.69	84	140778	19.607	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	373172	21.386	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	138311	20.267	ug/L 99
19) 1,1-Dichloroethane	3.43	63	278390	20.724	ug/L 99
21) 2-Butanone	4.27	43	500175	221.960	ug/L 99
22) cis-1,2-Dichloroethene	4.21	96	160468	21.478	ug/L 98
23) Bromochloromethane	4.54	128	72790	22.062	ug/L 97
25) Chloroform	4.66	83	288056	20.921	ug/L 97
27) 1,2-Dichloroethane	5.40	62	204255	21.709	ug/L 98
29) 1,1,1-Trichloroethane	4.90	97	252893	20.548	ug/L 100
30) Cyclohexane	4.98	56	250367	22.082	ug/L 100
31) Carbon tetrachloride	5.12	117	233160	20.993	ug/L 97
33) Benzene	5.38	78	599107	21.066	ug/L 100
34) Trichloroethene	6.18	95	162082	20.812	ug/L 98
35) Methylcyclohexane	6.41	83	262102	22.475	ug/L 98
37) 1,2-Dichloropropane	6.42	63	159889	20.890	ug/L 100
38) Bromodichloromethane	6.75	83	211680	21.038	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	254185	22.737	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	1223589	231.372	ug/L 99

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42) Toluene	7.63	91	664896	21.852	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	211836	23.439	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	114953	21.324	ug/L	99
47) Tetrachloroethene	8.22	164	134215	21.385	ug/L	98
48) 2-Hexanone	8.36	43	903766	239.366	ug/L	98
49) Dibromochloromethane	8.47	129	151584	22.431	ug/L	96
50) 1,2-Dibromoethane	8.58	107	114679	21.904	ug/L #	99
51) Chlorobenzene	9.11	112	428734	21.303	ug/L	99
52) Ethylbenzene	9.24	91	756106	22.609	ug/L	99
53) m,p-Xylene	9.37	106	282805	23.295	ug/L	99
54) o-Xylene	9.77	106	277611	23.517	ug/L	96
55) Styrene	9.78	104	485105	24.291	ug/L	99
56) Isopropylbenzene	10.16	105	761996	23.647	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	154938	22.452	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	114473	22.431	ug/L	100
61) Bromoform	9.95	173	90978	22.317	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	363411	21.570	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	371135	21.088	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	352526	21.528	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	27961	25.332	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	290356	21.796	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	243074	25.717	ug/L	99
69) Naphthalene	13.74	128	401491	28.887	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	229380	24.880	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

